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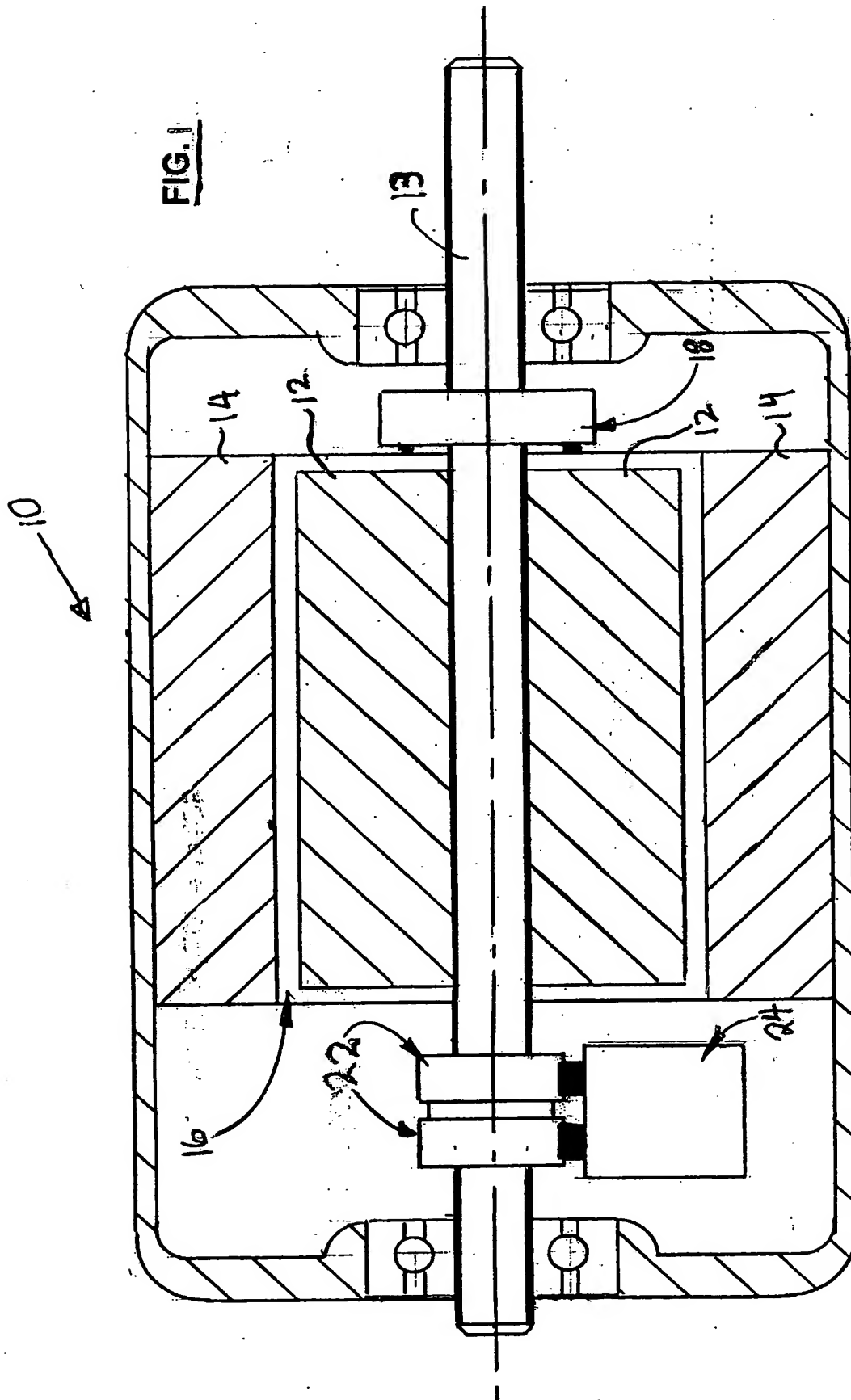


FIG. 2A

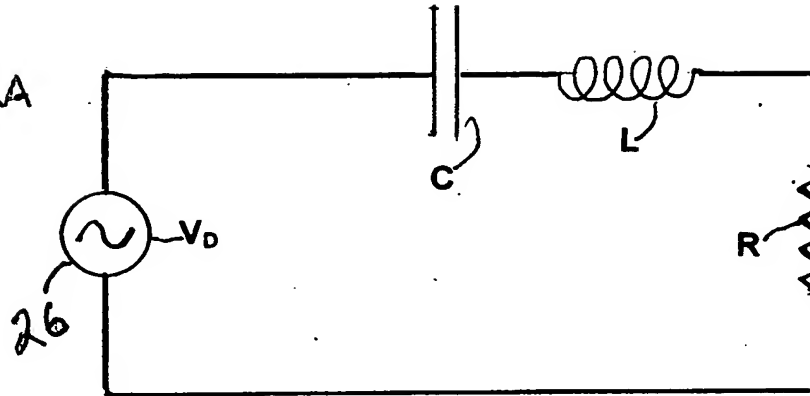


FIG. 2B

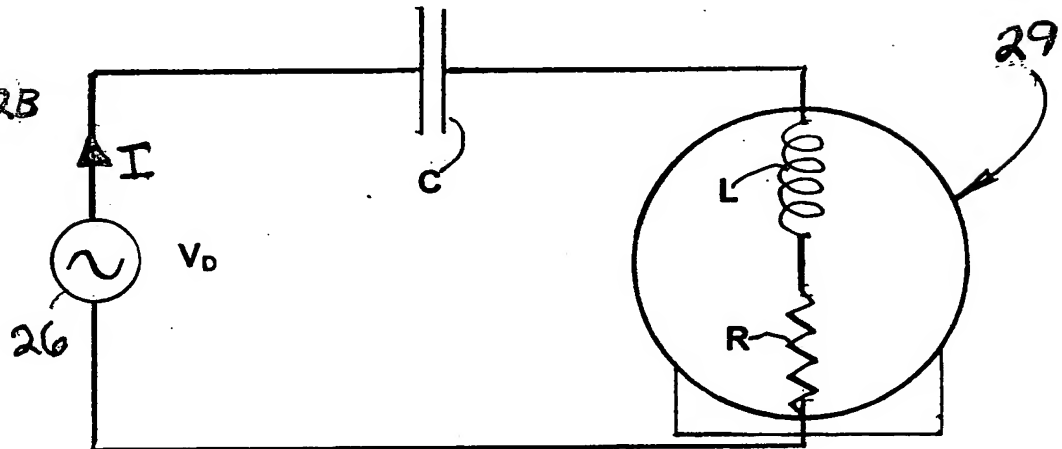
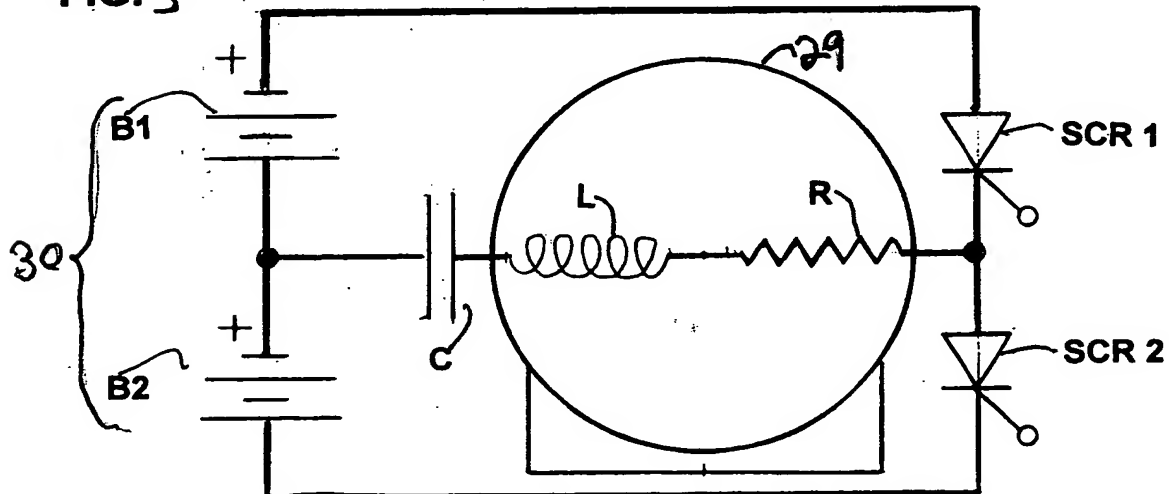


FIG. 3



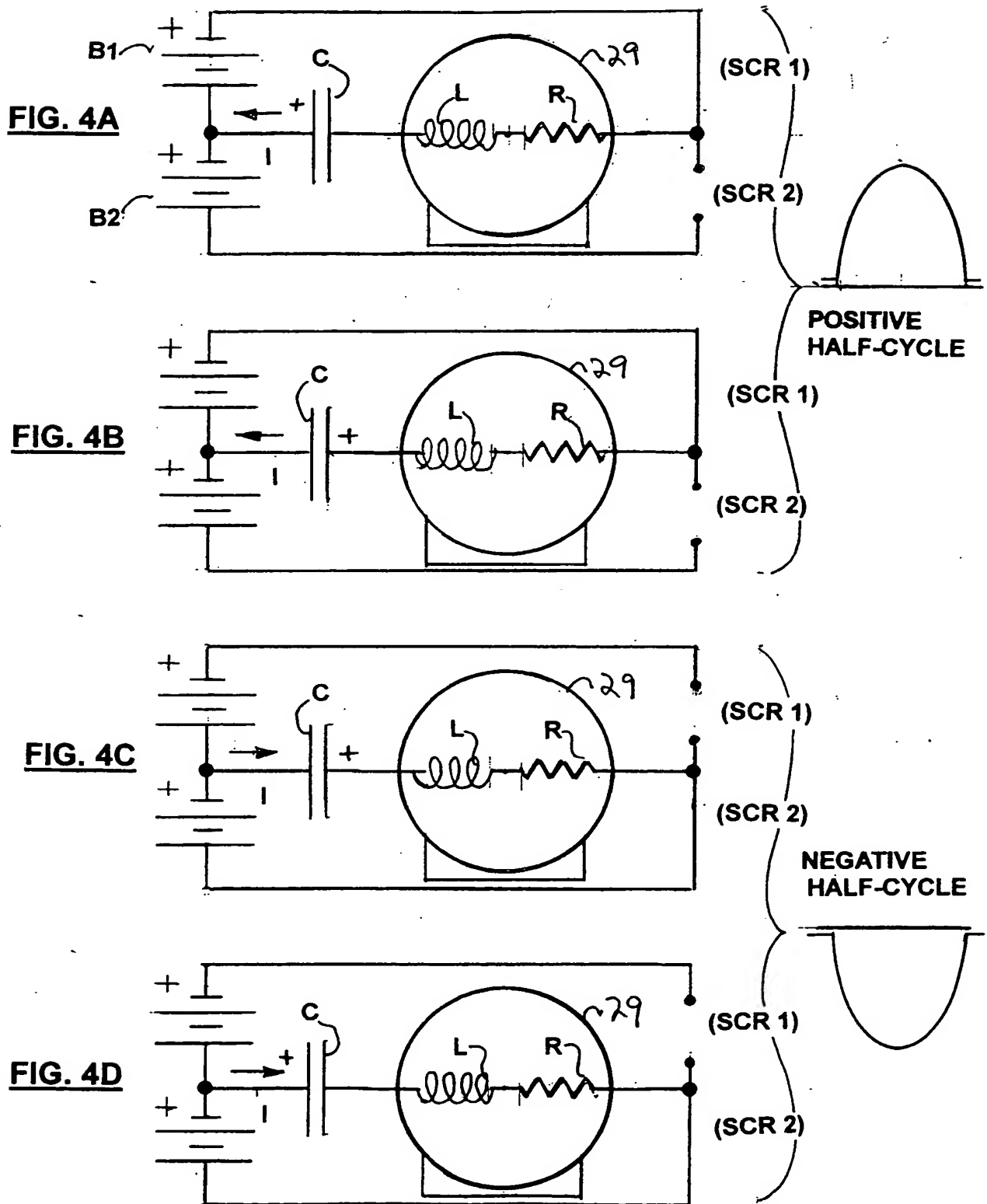


FIG. 5

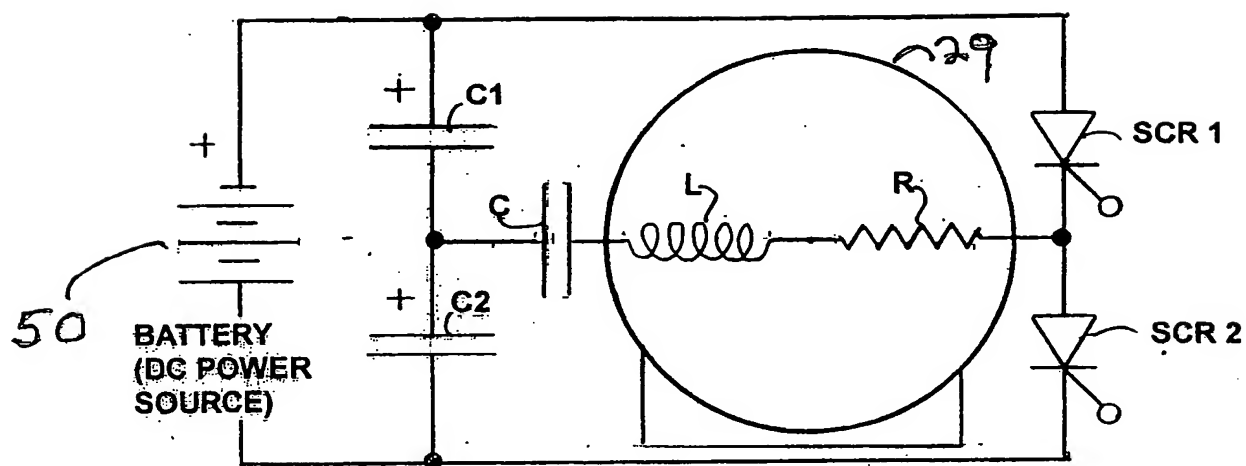
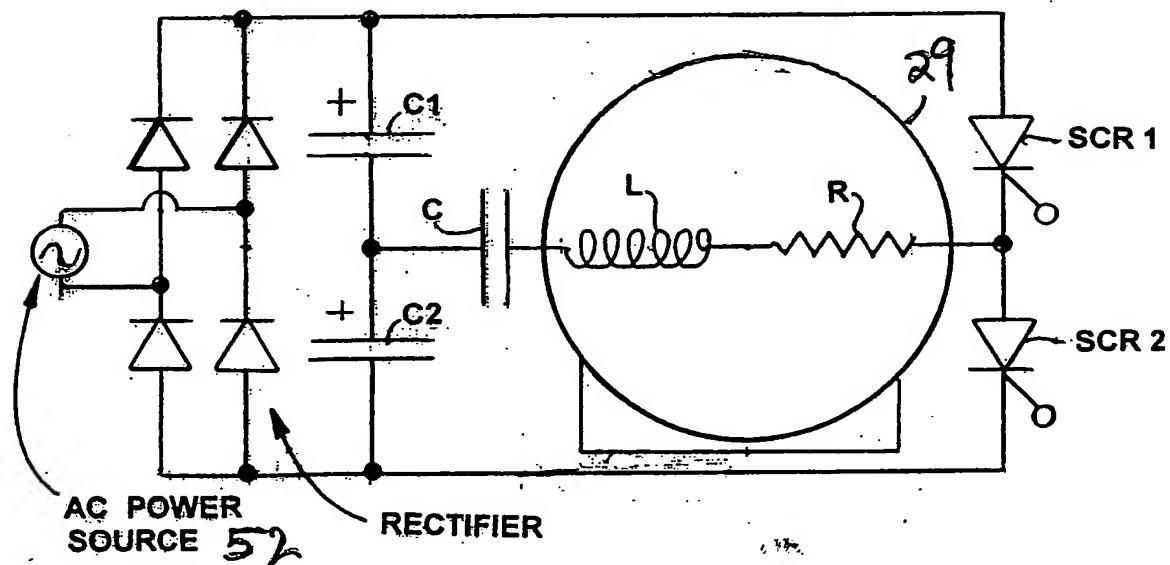
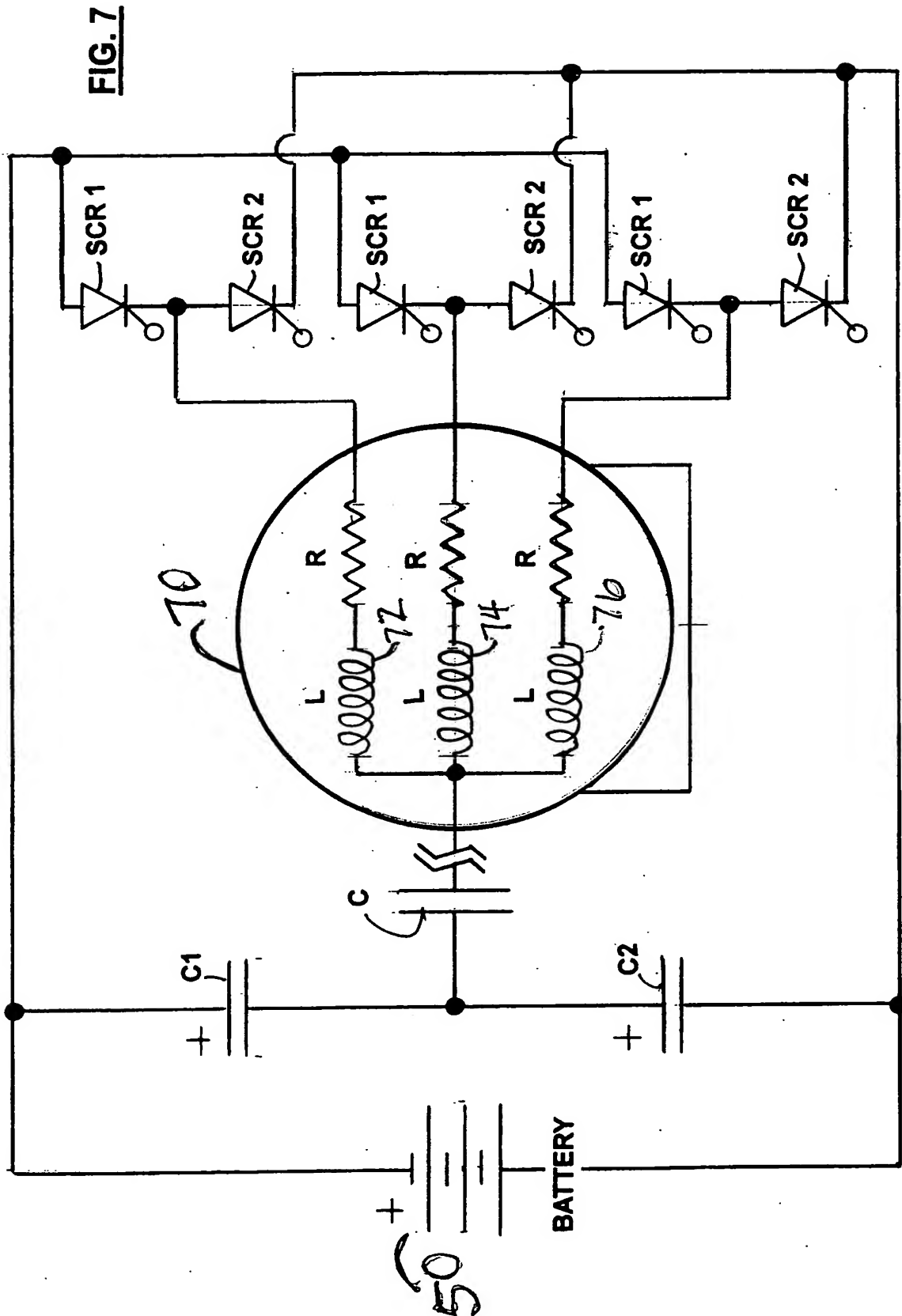
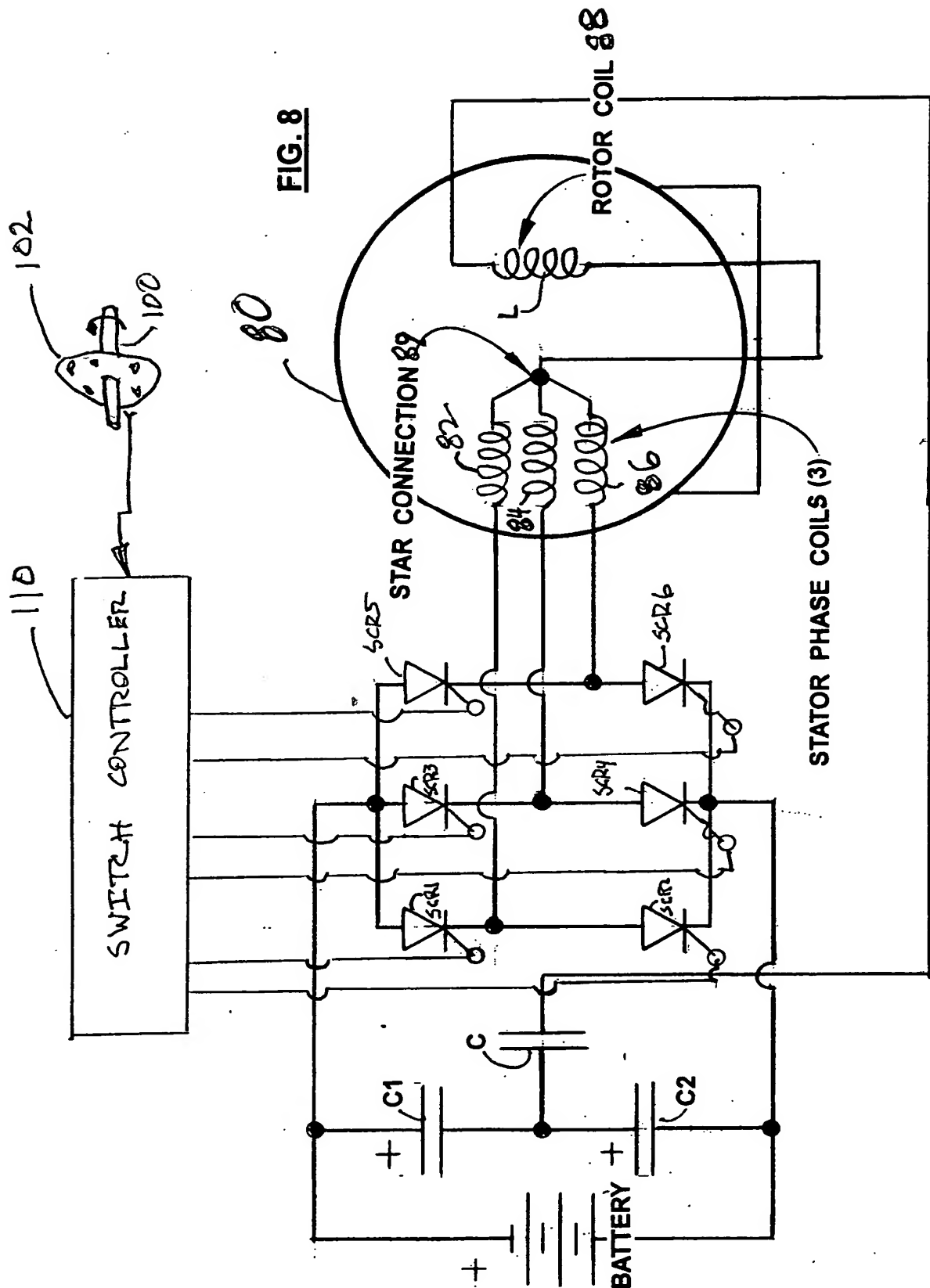


FIG. 6







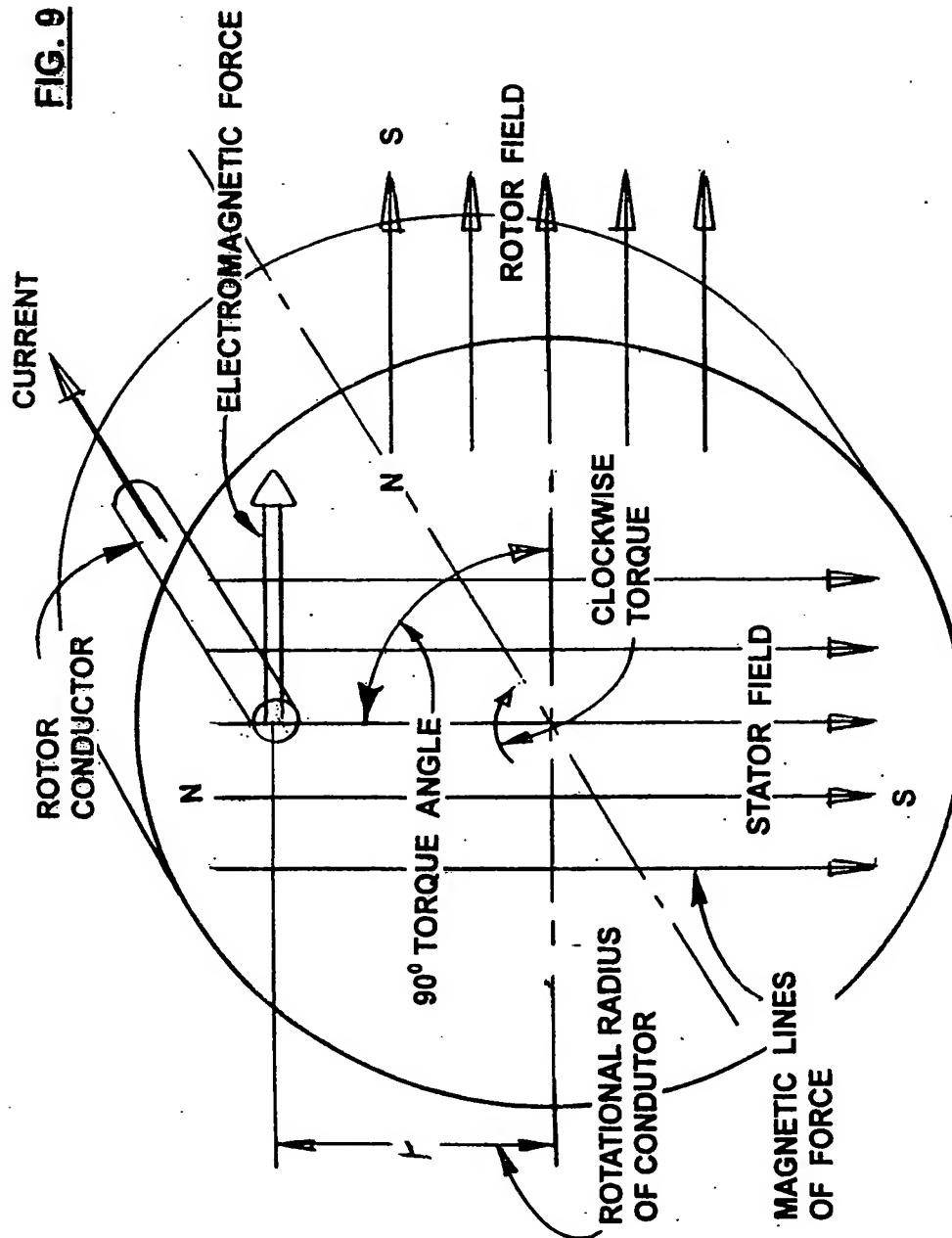


FIG. 10

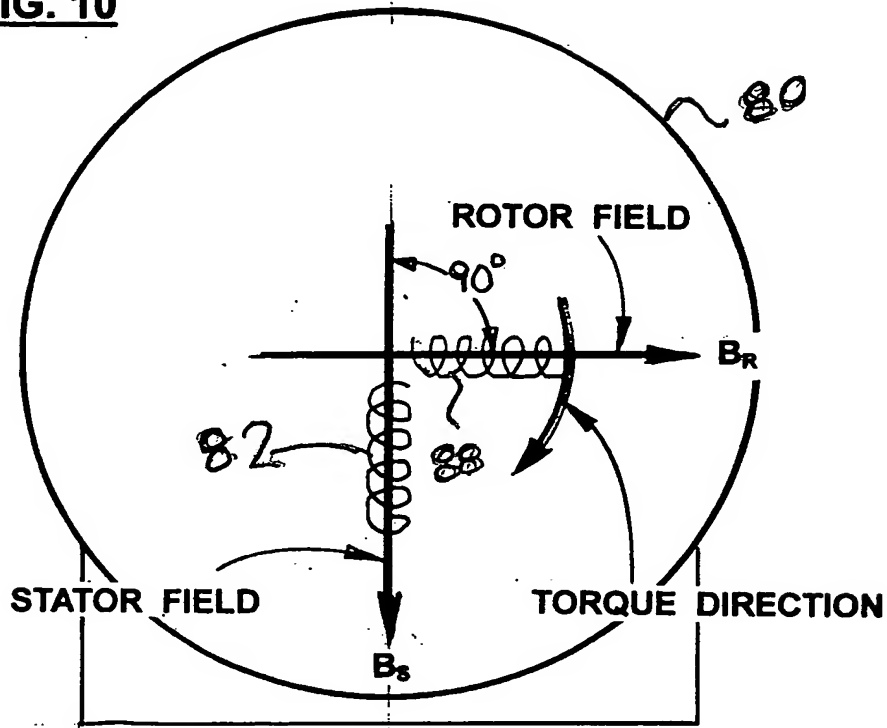
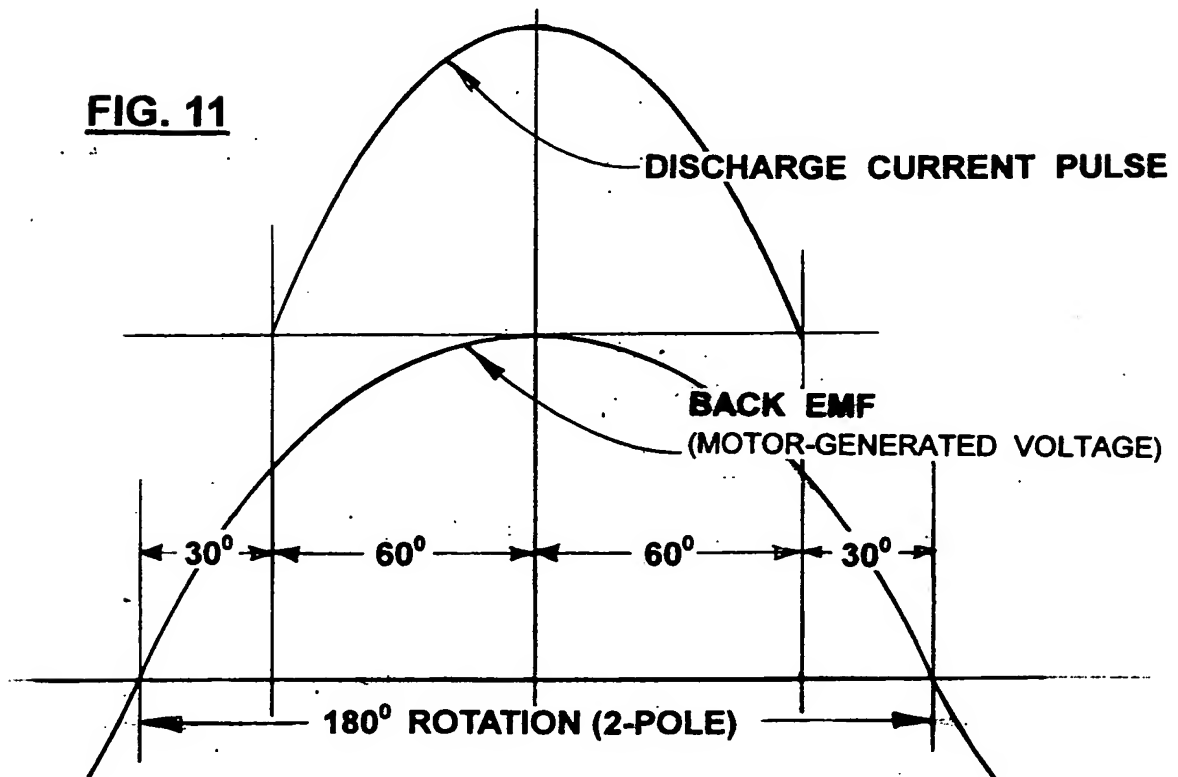


FIG. 11



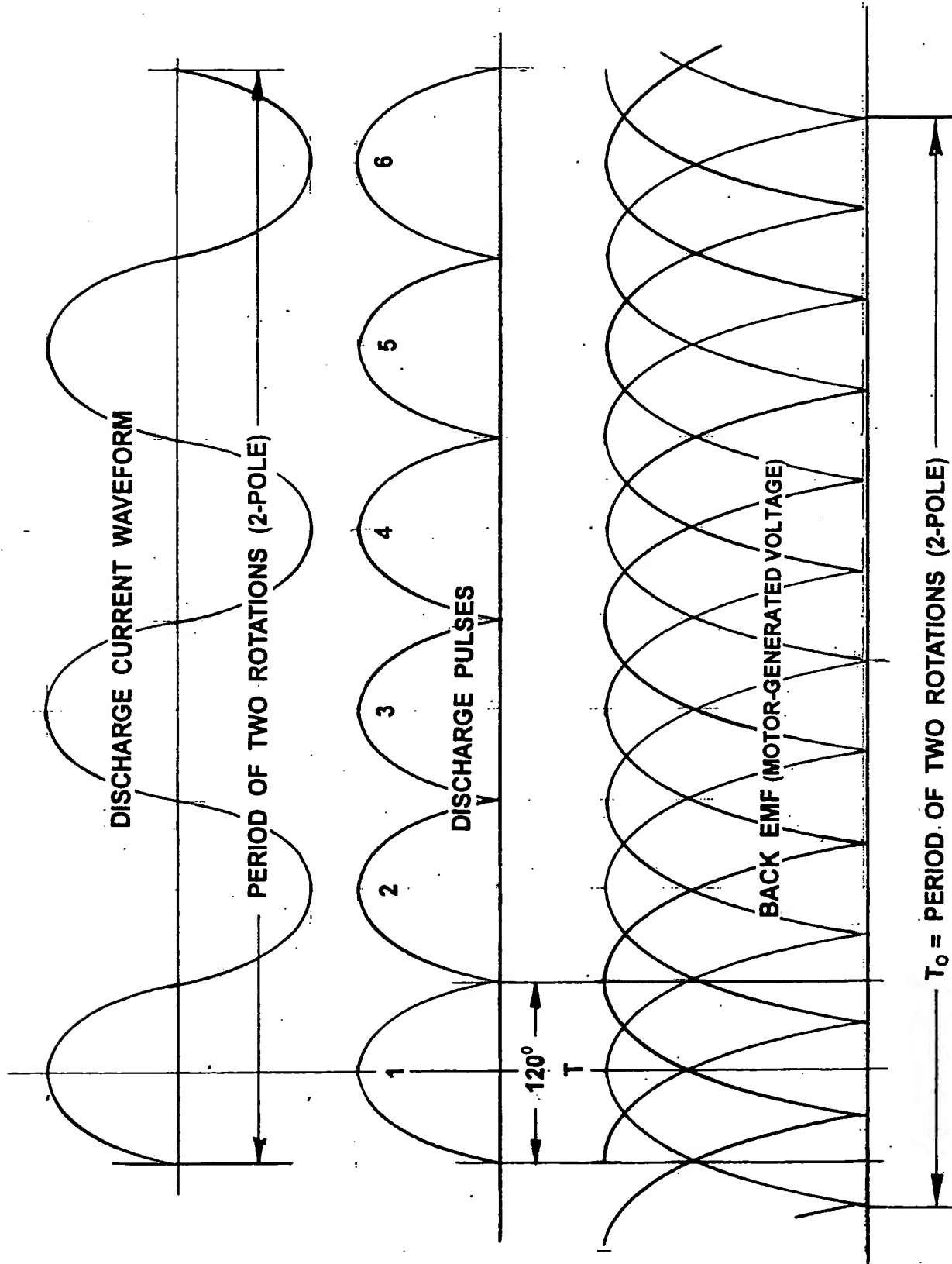


FIG. 12

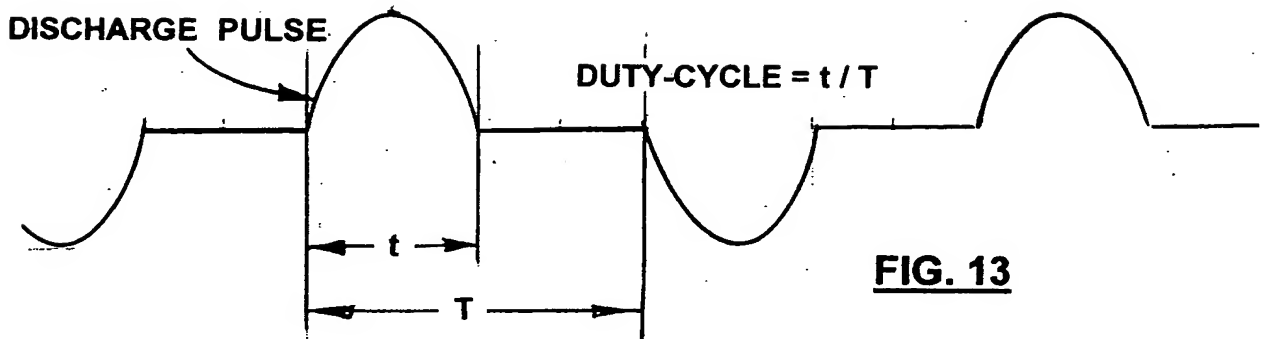


FIG. 13

DUTY-CYCLE SHOWN AT 50% = HALF FULL-LOAD TORQUE

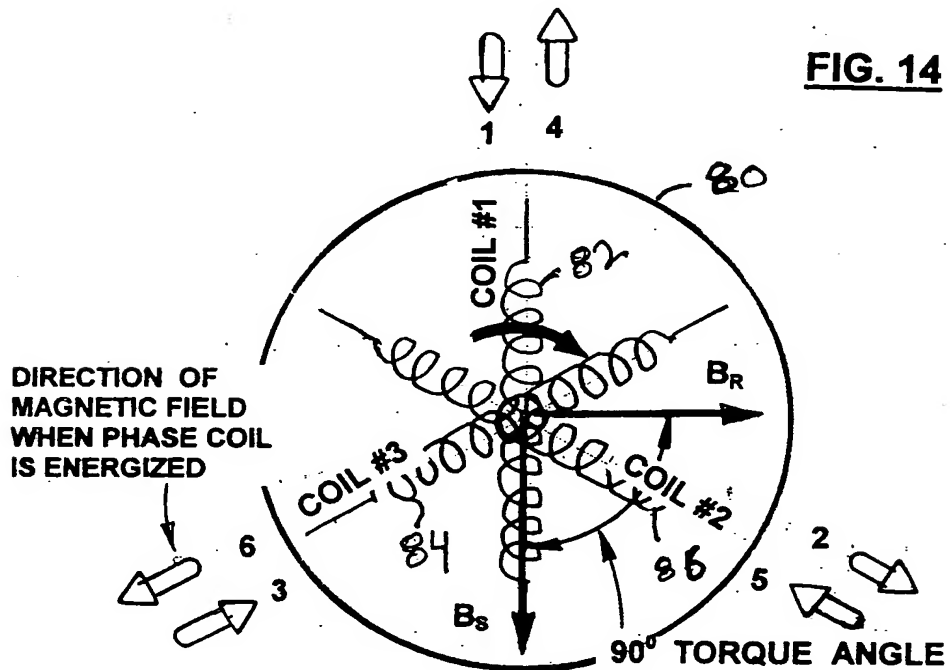
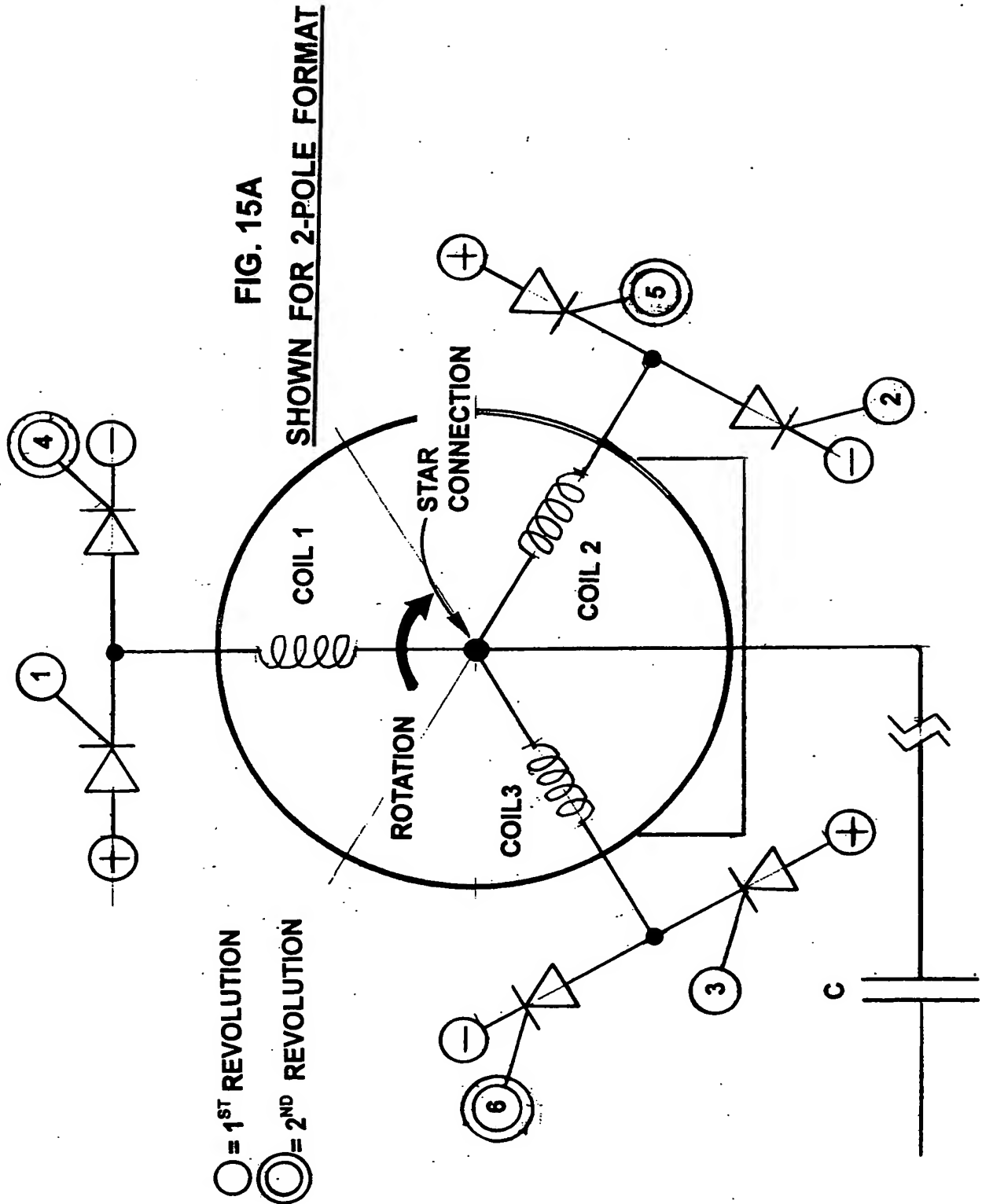
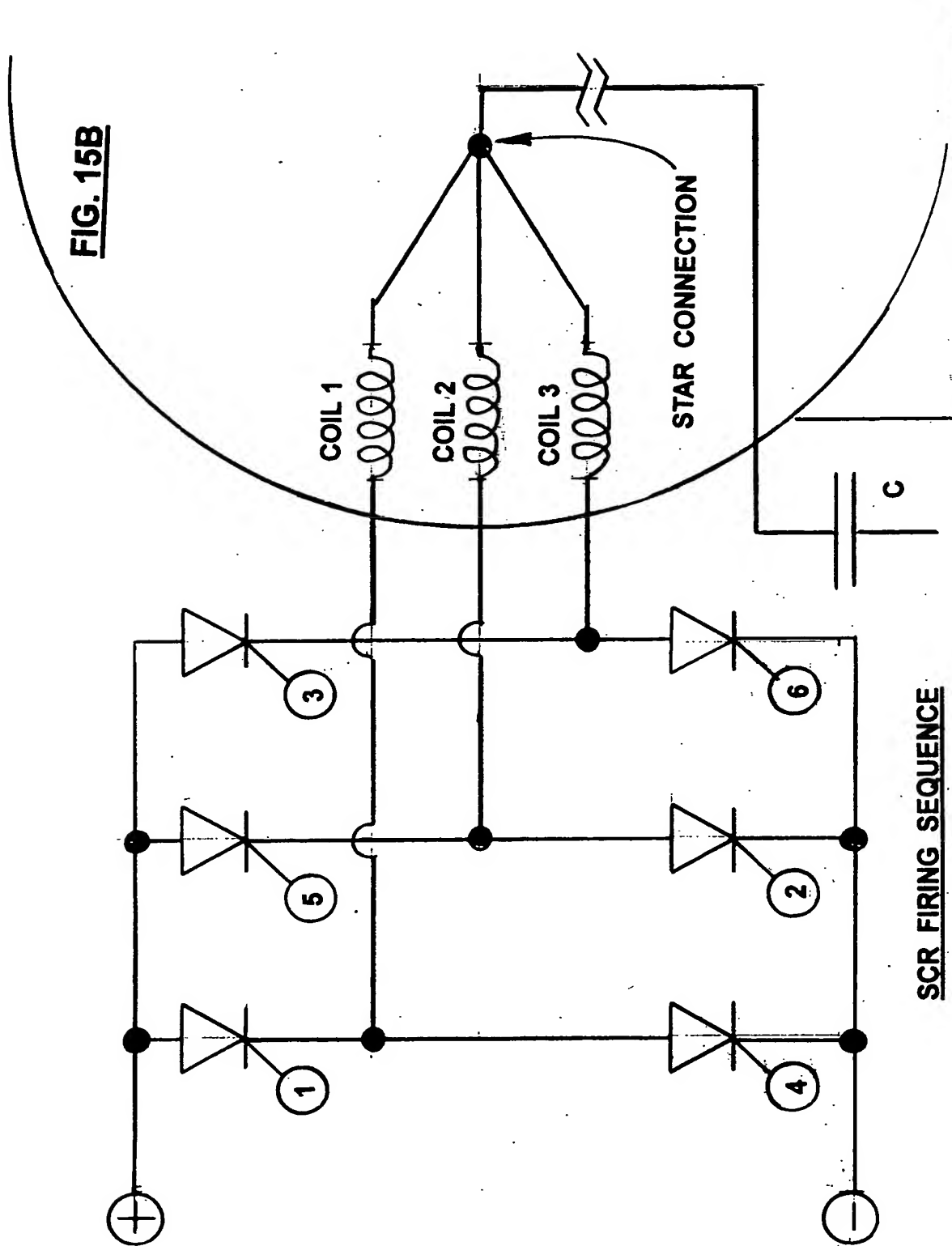


FIG. 14





2-PHASE RESONANT MOTOR

WOUND ROTOR VERSION

FIG. 16

